

**Notice of Allowability**

Application No.

09/687,683

Examiner

Inder P. Mehra

Applicant(s)

BAYERL ET AL.

Art Unit

2666

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment dated: 11/16/04.
2. ☒ The allowed claim(s) is/are 20-26 (renumbered as 1-6 respectively).
3. ☒ The drawings filed on 16 November 2004 and 12 October 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 5/5/05.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

### **DETAILED ACTION**

1. This office action is in response to amendment dated: 11/16/04.

### **EXAMINER'S AMENDMENT**

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Albert C. Metrailer, Attorney, Regd. No. 27,145 on 5/5/05.

The application has been amended as follows:

- In claim 23 line 3, "the operations" has been changed to "---operations---".
- In claim 24 line 1, "An integrated services hub according to claim 20" has been changed to "the integrated services hub according to claim 23---".
- In claim 25, line 1, "The method of claim 20" has been changed to "the integrated services hub of claim 23---"
- In claim 25 line 5, "---the rate---" has been changed to "---the sampling rate"

### ***Allowable Subject Matter***

3. Claims 20-25 are allowed.

### **REASONS FOR ALLOWANCE**

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4. The following is an examiner's statement of reasons for allowance:

The prior art of record does not disclose, teach or suggest the following limitations in combination with other limitations:

As recited by claim 20,

“using the CPU to produce a fill level indicator representative of the capacity of the buffer that contains digital signals received from the wide area network and not yet coupled to the CODEC. coupling the local clock to an input of the baud rate generator, using the CPU to generate a divisor coupled to the baud rate generator, using an output of the baud rate generator as the sampling rate for coupling digital signals from the input buffer to the CODEC. and adjusting the divisor to maintain the fill level of the input buffer within a preselected range”.

As recited by claim 23,

“a baud rate generator implemented in the CPU having a first input coupled to the local clock, having a second input for receiving a divisor, and having an output coupled to the input buffer providing a sampling rate of coupling digital signals from the input buffer to the CODEC, the CPU producing a fill level indicator representative of the capacity of the buffer that contains digital signals received from the wide area network and not yet coupled to the CODEC, the CPU generating a divisor coupled to the baud rate generator, and adjusting the divisor to maintain the fill level of the input buffer within a preselected range, whereby the sampling rate of coupling digital signals from the input buffer to the CODEC is synchronized with a rate at which digital signals are received from the wide area network”.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Inder P. Mehra whose telephone number is 571-272-3170. The examiner can normally be reached on Monday through Friday from 8AM to 5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Seema Rao can be reached on 571-272-3174. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*Inder Pal Mehra*  
Inder P Mehra  
Examiner  
Art Unit 2666

*DM*

EXAMINER